

ABSTRACT

The invention provides a method for the expression of exogenous DNA libraries in filamentous fungi. The fungi are capable of processing intron-containing eukaryotic genes, and also
5 can carry out post-translational processing steps such as glycosylation and protein folding. The invention provides for the use of fungi with altered morphology, which permits high-throughput screening and directed molecular evolution of expressed proteins. The same transformed fungi may be used to produce larger quantities of protein for isolation, characterization, and application testing, and may be suitable for commercial production of the protein as well.

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